

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

- 1-38. Cancelled.
39. (Currently Amended) An isolated nucleic acid sequence encoding a polypeptide having an amino acid sequence consisting of a sequence present in the glutamic acid decarboxylase₆₅ (GAD₆₅) of Figure 2 (SEQ ID NO:5) or Figure 3 (SEQ ID NO:8) and possessing at least one epitope for an autoantibody to GAD₆₅, wherein said epitope is present in GAD₆₅ but not GAD₆₇.
40. (Previously Presented) The isolated nucleic acid sequence of claim 39, wherein said sequence possesses a single epitope for an autoantibody to GAD₆₅.
41. (Previously Presented) The isolated nucleic acid sequence of claim 39, wherein said sequence is a cDNA sequence.
42. (Currently Amended) [[A]] An isolated host cell transformed or transfected with the nucleic acid sequence of claim 39.
43. (New) The nucleic acid of Claim 39, wherein said nucleic acid encodes an epitope which binds serum from an IDDM patient.
44. (New) The nucleic acid of Claim 39, wherein said nucleic acid encodes the amino terminal 100 amino acids of GAD₆₅.